

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090622\  
 Data File : BN021607.D  
 Acq On : 06 Sep 2022 18:59  
 Operator : CG/JU  
 Sample : N4482-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW344

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081922.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN021607.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.363       | 9             | 13          | 21           | rVB      | 41557          | 60914         | 1.15%           | 0.124%        |
| 2         | 3.657       | 59            | 63          | 70           | rBV      | 20514          | 33704         | 0.64%           | 0.069%        |
| 3         | 3.799       | 83            | 87          | 103          | rBV      | 225521         | 375560        | 7.10%           | 0.766%        |
| 4         | 4.046       | 124           | 129         | 134          | rBV      | 26261          | 41011         | 0.77%           | 0.084%        |
| 5         | 4.146       | 142           | 146         | 153          | rVB      | 18043          | 27882         | 0.53%           | 0.057%        |
| 6         | 7.210       | 661           | 667         | 681          | rVB      | 214416         | 374285        | 7.07%           | 0.764%        |
| 7         | 7.387       | 689           | 697         | 709          | rBV      | 721707         | 1190558       | 22.50%          | 2.429%        |
| 8         | 7.587       | 721           | 731         | 740          | rBV      | 679903         | 1109103       | 20.96%          | 2.263%        |
| 9         | 7.669       | 743           | 745         | 751          | rVB4     | 4091           | 6656          | 0.13%           | 0.014%        |
| 10        | 8.063       | 805           | 812         | 819          | rBV      | 586090         | 935190        | 17.67%          | 1.908%        |
| 11        | 8.128       | 819           | 823         | 832          | rVB2     | 6304           | 12209         | 0.23%           | 0.025%        |
| 12        | 8.775       | 926           | 933         | 942          | rBV      | 632042         | 1006981       | 19.03%          | 2.054%        |
| 13        | 9.239       | 1003          | 1012        | 1024         | rBV      | 857579         | 1400248       | 26.46%          | 2.857%        |
| 14        | 9.339       | 1024          | 1029        | 1034         | rVV4     | 5686           | 10031         | 0.19%           | 0.020%        |
| 15        | 9.398       | 1034          | 1039        | 1046         | rVB5     | 4171           | 8816          | 0.17%           | 0.018%        |
| 16        | 9.639       | 1075          | 1080        | 1094         | rVB3     | 8714           | 21414         | 0.40%           | 0.044%        |
| 17        | 9.969       | 1126          | 1136        | 1146         | rBV      | 654510         | 1052020       | 19.88%          | 2.146%        |
| 18        | 10.510      | 1220          | 1228        | 1239         | rBV      | 1056098        | 1745352       | 32.98%          | 3.561%        |
| 19        | 10.675      | 1250          | 1256        | 1262         | rBV4     | 8742           | 20028         | 0.38%           | 0.041%        |
| 20        | 10.898      | 1286          | 1294        | 1302         | rVB      | 830494         | 1449425       | 27.39%          | 2.957%        |
| 21        | 11.033      | 1308          | 1317        | 1334         | rBV      | 872752         | 1484674       | 28.06%          | 3.029%        |
| 22        | 12.139      | 1502          | 1505        | 1512         | rVB4     | 3196           | 5716          | 0.11%           | 0.012%        |
| 23        | 12.304      | 1528          | 1533        | 1539         | rBV3     | 4196           | 6193          | 0.12%           | 0.013%        |
| 24        | 12.480      | 1558          | 1563        | 1570         | rBV2     | 20110          | 31533         | 0.60%           | 0.064%        |
| 25        | 13.327      | 1702          | 1707        | 1713         | rBV4     | 4073           | 7857          | 0.15%           | 0.016%        |
| 26        | 13.533      | 1738          | 1742        | 1751         | rVB2     | 13658          | 22492         | 0.43%           | 0.046%        |
| 27        | 14.127      | 1836          | 1843        | 1857         | rBV      | 2081414        | 2853788       | 53.93%          | 5.822%        |
| 28        | 14.416      | 1885          | 1892        | 1904         | rVV2     | 2229588        | 3380050       | 63.87%          | 6.895%        |
| 29        | 14.604      | 1920          | 1924        | 1930         | rVB4     | 4719           | 6923          | 0.13%           | 0.014%        |
| 30        | 14.722      | 1937          | 1944        | 1952         | rBV      | 1323037        | 1951396       | 36.88%          | 3.981%        |
| 31        | 14.792      | 1953          | 1956        | 1962         | rVB6     | 3893           | 5867          | 0.11%           | 0.012%        |
| 32        | 14.910      | 1964          | 1976        | 1989         | rBV      | 164432         | 277487        | 5.24%           | 0.566%        |
| 33        | 15.121      | 2008          | 2012        | 2018         | rVB6     | 8523           | 14691         | 0.28%           | 0.030%        |
| 34        | 15.504      | 2072          | 2077        | 2079         | rBV2     | 3671           | 6283          | 0.12%           | 0.013%        |
| 35        | 15.551      | 2083          | 2085        | 2091         | rVB2     | 9666           | 11606         | 0.22%           | 0.024%        |
| 36        | 15.710      | 2105          | 2112        | 2122         | rVB      | 2818164        | 4271741       | 80.72%          | 8.715%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081922.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.821 | 2125 | 2131 | 2144 | rBV  | 885421  | 1202507 | 22.72%  | 2.453%  |
| 38 | 15.951 | 2149 | 2153 | 2158 | rVB2 | 15453   | 22908   | 0.43%   | 0.047%  |
| 39 | 16.416 | 2229 | 2232 | 2237 | rVB6 | 5767    | 7058    | 0.13%   | 0.014%  |
| 40 | 17.210 | 2363 | 2367 | 2371 | rBV6 | 4418    | 6414    | 0.12%   | 0.013%  |
| 41 | 17.468 | 2404 | 2411 | 2418 | rBV  | 1558973 | 2263289 | 42.77%  | 4.617%  |
| 42 | 17.568 | 2421 | 2428 | 2440 | rBV2 | 3240843 | 4633518 | 87.56%  | 9.453%  |
| 43 | 17.851 | 2471 | 2476 | 2481 | rBV3 | 5243    | 8942    | 0.17%   | 0.018%  |
| 44 | 18.127 | 2519 | 2523 | 2531 | rVB6 | 6948    | 11473   | 0.22%   | 0.023%  |
| 45 | 18.351 | 2556 | 2561 | 2571 | rBV  | 169678  | 253922  | 4.80%   | 0.518%  |
| 46 | 18.427 | 2572 | 2574 | 2580 | rVB  | 9140    | 15660   | 0.30%   | 0.032%  |
| 47 | 19.427 | 2739 | 2744 | 2750 | rBV  | 45351   | 66231   | 1.25%   | 0.135%  |
| 48 | 19.492 | 2750 | 2755 | 2760 | rBV  | 51220   | 80997   | 1.53%   | 0.165%  |
| 49 | 19.533 | 2760 | 2762 | 2765 | rVB4 | 6714    | 7398    | 0.14%   | 0.015%  |
| 50 | 19.627 | 2773 | 2778 | 2790 | rBV  | 109219  | 178846  | 3.38%   | 0.365%  |
| 51 | 19.780 | 2800 | 2804 | 2810 | rBV6 | 12273   | 18628   | 0.35%   | 0.038%  |
| 52 | 19.862 | 2812 | 2818 | 2831 | rVV  | 3752009 | 5291887 | 100.00% | 10.796% |
| 53 | 20.880 | 2988 | 2991 | 2995 | rBV4 | 18874   | 28538   | 0.54%   | 0.058%  |
| 54 | 21.351 | 3067 | 3071 | 3079 | rBV  | 160724  | 281463  | 5.32%   | 0.574%  |
| 55 | 21.656 | 3118 | 3123 | 3133 | rBV  | 1801001 | 2320573 | 43.85%  | 4.734%  |
| 56 | 23.392 | 3414 | 3418 | 3424 | rVB2 | 47845   | 75632   | 1.43%   | 0.154%  |
| 57 | 24.009 | 3515 | 3523 | 3541 | rBV2 | 2187334 | 4806350 | 90.82%  | 9.805%  |
| 58 | 24.174 | 3544 | 3551 | 3565 | rVB2 | 968297  | 2095973 | 39.61%  | 4.276%  |
| 59 | 24.821 | 3657 | 3661 | 3671 | rVB3 | 57796   | 120797  | 2.28%   | 0.246%  |

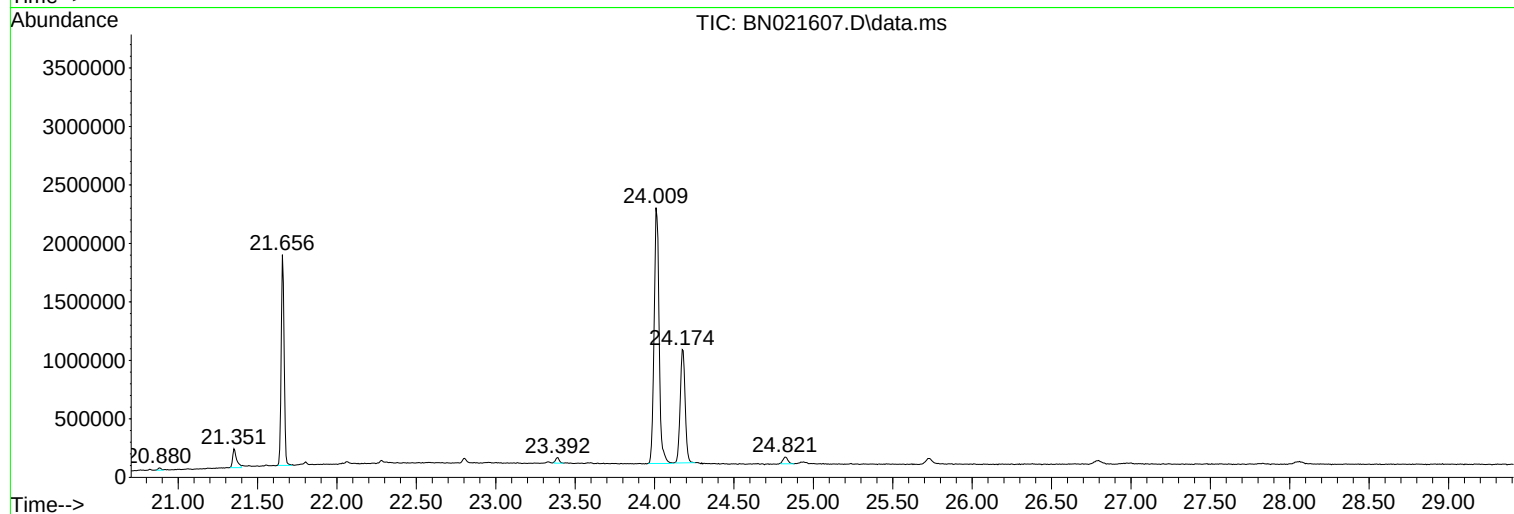
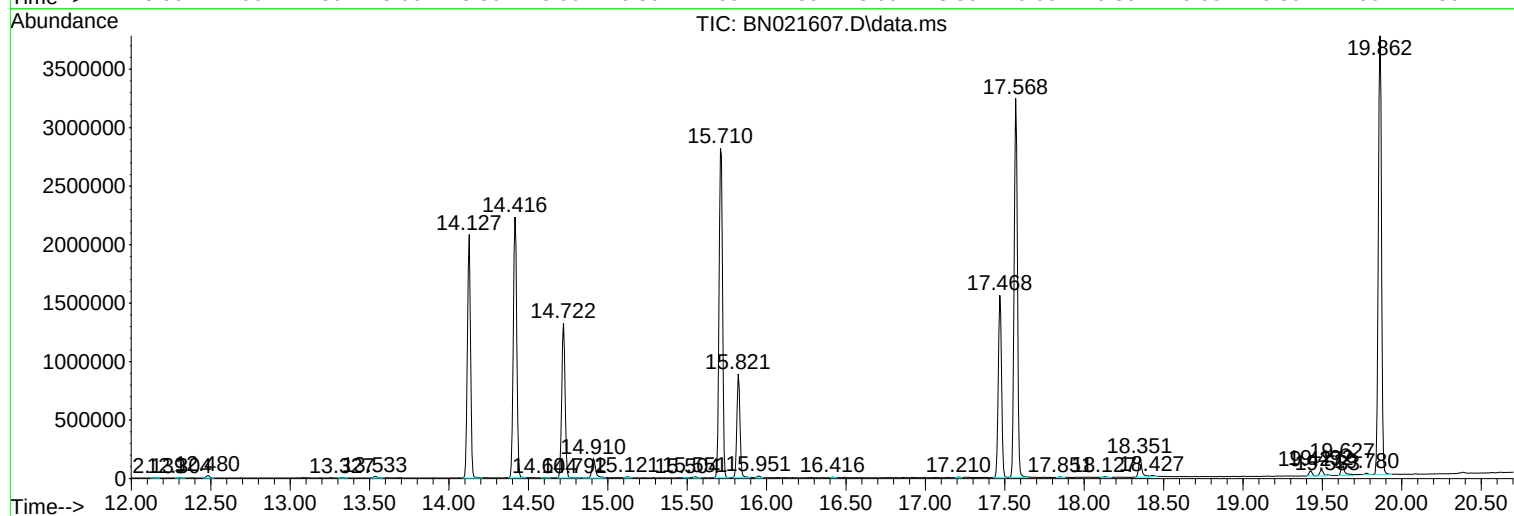
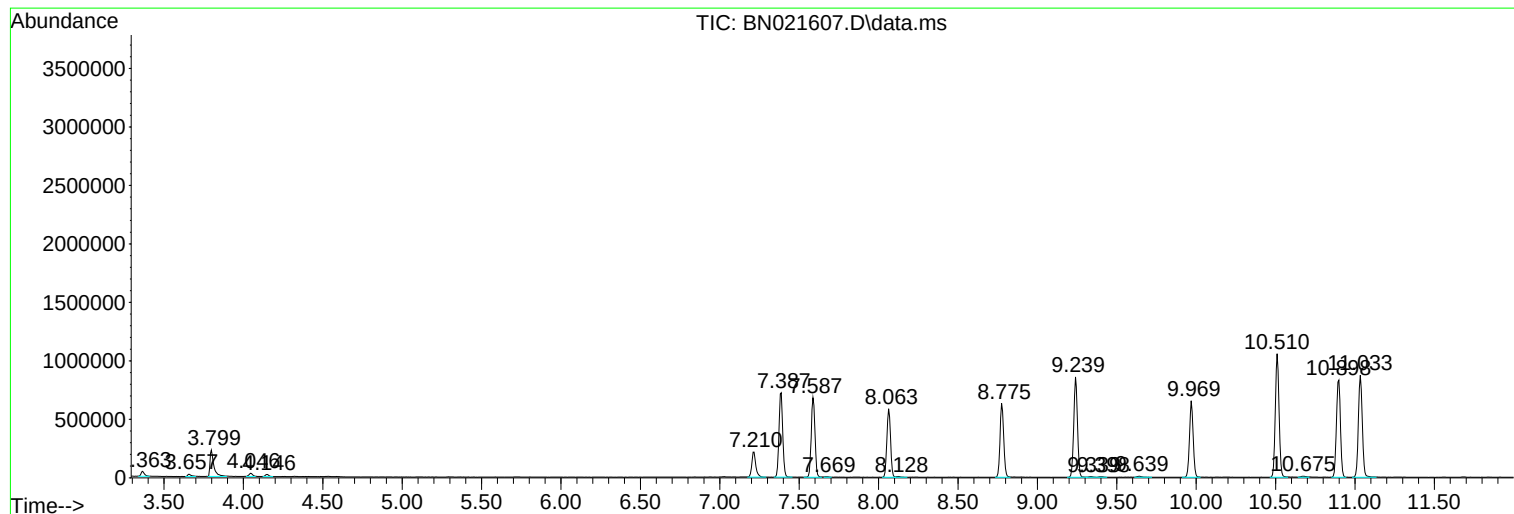
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081922.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

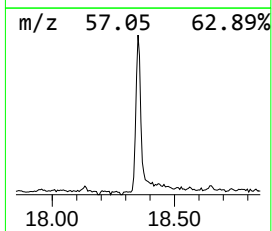
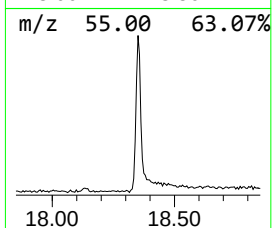
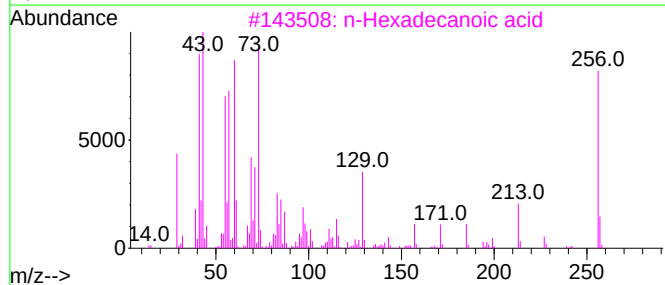
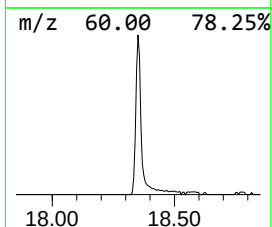
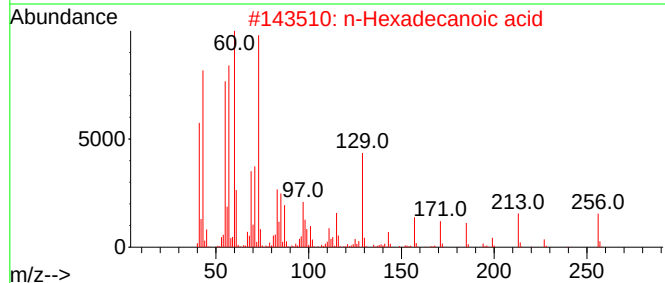
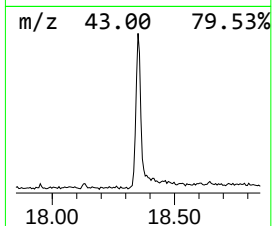
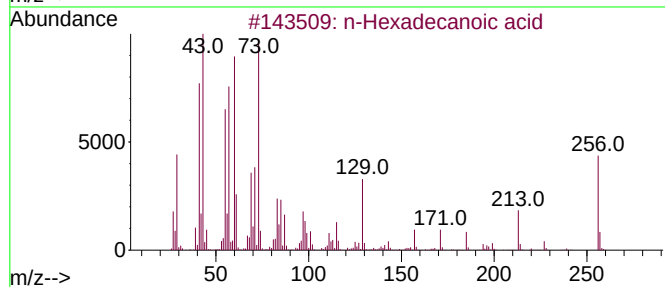
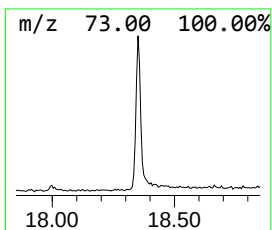
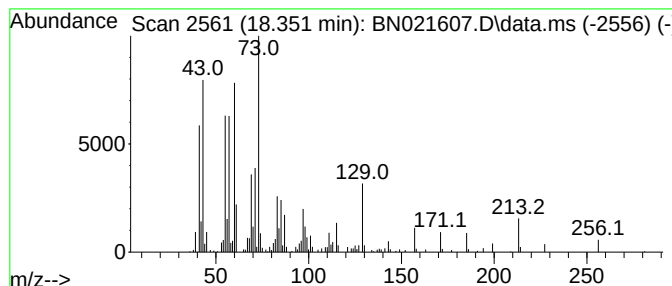
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.351 | 2.24 ng/ul | 253922 | Phenanthrene-d10 | 17.468 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |



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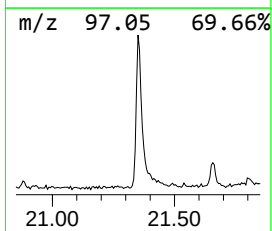
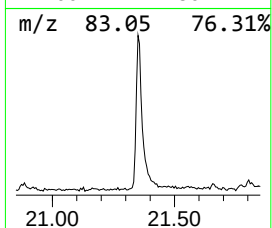
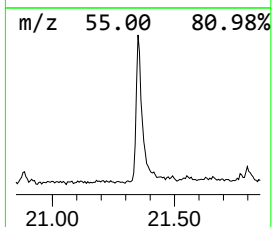
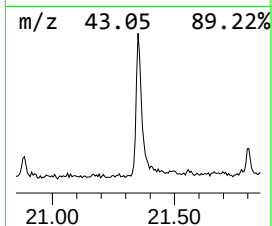
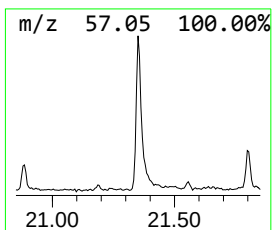
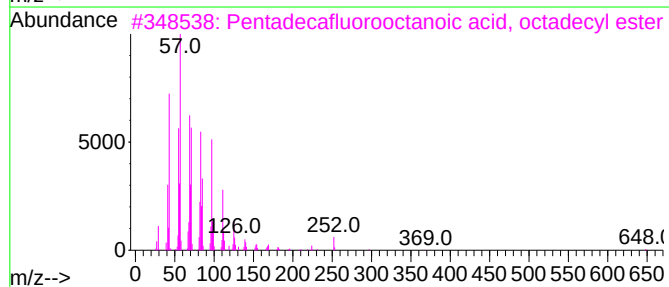
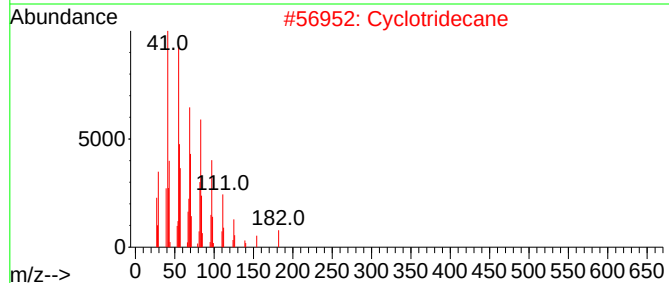
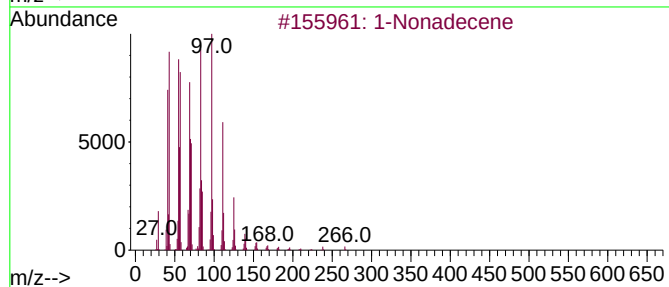
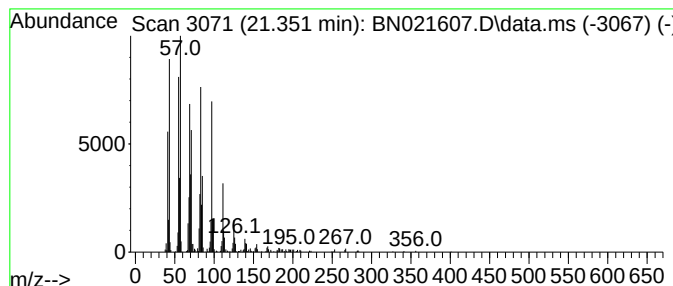
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD |             | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|-------------|--------------|------|
| 21.351    | 2.43 ng/ul                          | 281463 | Chrysene-d12     |             | 21.656       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm     | CAS#         | Qual |
| 1         | 1-Nonadecene                        |        | 266              | C19H38      | 018435-45-5  | 96   |
| 2         | Cyclotridecane                      |        | 182              | C13H26      | 000295-02-3  | 95   |
| 3         | Pentadecafluorooctanoic acid, oc... |        | 666              | C26H37F15O2 | 1000406-04-8 | 95   |
| 4         | 1-Hexacosene                        |        | 364              | C26H52      | 018835-33-1  | 94   |
| 5         | Heptadecyl heptafluorobutyrate      |        | 452              | C21H35F7O2  | 959085-66-6  | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.351 | 2.2     | ng/u1 | 253922   | 4                     | 17.468 | 2263290 | 20.0 |
| (DEL) Alkane: S... | 21.351 | 2.4     | ng/u1 | 281463   | 5                     | 21.656 | 2320570 | 20.0 |